

**Iowa Public Television
Infrastructure Appropriations Status Report
January 15, 2018**

Project: Replacement of equipment, and for tower and facility maintenance

Description:

Iowa Public Television has developed a strategic plan for the replacement of equipment and for tower and facility maintenance at IPTV's network's studios and transmission facilities.

The plan for the funds received in FY 2017 includes, but is not limited to:

- Production Truck Switcher to replace GVG Kayak
- HVAC for 6535 Corporate Drive
- Paint and relamp KHIN Tower, Vintage 2007
- 3 EFP Cameras
- Wide angle lens for production truck
- BARD AC unit replacement (Phase 2)
- Caulk building at 6450 Corporate Drive

Progress of Work Completed: 6.8% completed as of June 30, 2017. 6.9% of the funds have been spent or encumbered as of December 31, 2017.

Total Estimated Cost of Project: \$1,017,000

List of all Revenue Sources to Fund the Project:

State Funds: Technology Reinvestment Fund 8.57C

Amount of Funds Expended: \$69,375 as of June 30, 2017

Amount of Funds Obligated: An additional \$1,176 was spent by December 31, 2017.

Estimated Completion Date of Project: June 30, 2020

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Iowa Public Television has developed a strategic plan for the replacement of equipment and for tower and facility maintenance at IPTV's network's studios and transmission facilities.

The plan for the funds received in FY 2016 includes, but is not limited to:

- Replacement of BARD AC units at transmitter sites
- Studio generator upgrade
- Replace KSIN guy wire fence
- KSIN security fence
- KTIN security fence
- Replace snowmobile for Lansing winter access
- Update 6535 Corporate drive HVAC system
- Update 6450 security system
- Update 6450 Corporate Drive façade
- Update 6450 Corporate Drive restroom renovation
- Update 6450 Corporate Drive lobby

Progress of Work Completed: 49.96% completed as of June 30, 2017. However 83.74% of the funds have been spent or encumbered as of December 31, 2017.

Total Estimated Cost of Project: \$1,256,000

List of all Revenue Sources to Fund the Project:

State Funds: Technology Reinvestment Fund 8.57C

Amount of Funds Expended: \$592,739 as of June 30, 2017

Amount of Funds Obligated: An additional \$149,644 was spent by December 31, 2017 and \$274,575 was encumbered as of December 31, 2017.

Estimated Completion Date of Project: June 30, 2019

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Project: Replacement of equipment, and for tower and facility maintenance

Description:

Iowa Public Television has developed a strategic plan for the replacement of equipment and for tower and facility maintenance at IPTV's network's studios and transmission facilities.

The plan for the funds received in FY 2015 includes, but is not limited to:

- Replacement of the Avid and Final Cut editing systems
- Linear acoustic equipment as required by the FCC
- Upgrade video server with ChannelPort graphics and branding system for HD and SD services
- Replacement of current ATSC encoders
- Paint and install new lighting system at Fort Madison translator
- Replace receiver at Keokuk translator
- Video clip player/server for mobile unit
- Replace current ATSC encoders

Progress of Work Completed: 91.75% completed as of June 30, 2017. However 100% of the funds have been spent as of December 31, 2017.

Total Estimated Cost of Project: \$1,000,000

List of all Revenue Sources to Fund the Project:

State Funds: Technology Reinvestment Fund 8.57C

Amount of Funds Expended: \$917,517 as of June 30, 2017

Amount of Funds Obligated: An additional \$82,483 has been spent as of December 31, 2017.

Estimated Completion Date of Project: June 30, 2018

**Iowa Public Television
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January 15, 2018**

Project: Replacement of Inductive Output Tubes (IOTs)

Description:

Six of IPTV's transmitter sites use primary transmitters that are based on high-powered transmitting tubes called Inductive Output Tubes or IOTs. At two of the sites we use transmitters that require two of these tubes and at the other four sites we use single tubes, for a total of 8 tubes in the system. With the digital television conversion, all of the tubes were replaced with new tubes. Tubes have a life expectancy of approximately 40,000 hours in continuous use. The devices have been in use for three to four years depending upon the installation at each site. The tubes will start failing once they reach 40,000 hours of use and must be replaced.

Progress of Work Completed:

One of the eight tubes failed. A new Induction Output Tube was purchased and installed at KYIN, our Mason City transmitter.

Total Estimated Cost of Project: \$320,000

List of all Revenue Sources to Fund the Project:

State Funds: Technology Reinvestment Fund 8.57C

Amount of Funds Expended: \$42,164 as of June 30, 2017

Amount of Funds Obligated: Nothing additional has been spent or encumbered as of December 31, 2017.

Estimated Completion Date of Project: June 30, 2018